

YAMA0347USB**Serial No. 09/525,247**

which new claims 16-20 were added to original claims 1-15. On October 17, 2000, the Examiner in this application mailed an Office Action, applying a Restriction Requirement to claims 1-15. No mention was made of claims 16-20.

Upon entry of the Preliminary Amendment, claims 1-20 are pending in the present application. Applicants respectfully request withdrawal of the Office Action mailed on October 17, 2000, and issuance of a new Office Action which is applicable to all the claims in this application.

Proof of Filing of Preliminary Amendment

A copy of the Preliminary Amendment filed on May 22, 2000, including Applicants' PTO SB/21 Transmittal Form, is included with this Letter. As shown on both the Certificate of Mailing on the Preliminary Amendment itself, and on the Transmittal Form Certificate of Mailing, the Preliminary Amendment was deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on May 22, 2000.

The Preliminary Amendment was received by the USPTO OIPE on May 25, 2000, as shown by Applicants' Postcard Receipt, an enlarged copy of which is included with this Letter.

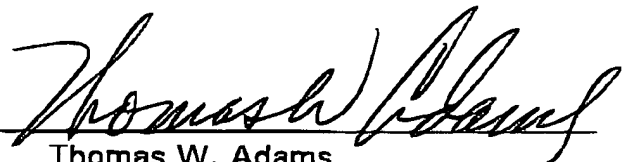
Applicants have shown by the foregoing facts that the Preliminary Amendment was in fact filed on May 22, 2000, and was received by the USPTO on May 25, 2000. Accordingly, Applicants respectfully request entry of the Preliminary Amendment filed on May 22, 2000, and issuance of a new Office Action which takes into account all pending claims, to replace the Office Action mailed on October 17, 2000.

This Letter is submitted in furtherance of a telephone conversation between Applicants' undersigned attorney, and S.P.E. Michael Gellner of Technology Center 2800, on November 14, 2000. To the extent necessary, this Letter constitutes Applicants' memorialization of this telephone conversation.

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Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below. If any additional fees are required for the filing of these papers, Applicants request the Commissioner to charge those fees to deposit account #18-0988.

Respectfully submitted,
RENNER, OTTO, BOISSELLE & SKLAR, P.L.L.

By 
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CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Kim D. Hall

(Type or print name of person mailing paper)

Date:

Kim D. Hall
(Signature of person mailing paper)

(Signature of person mailing paper)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Uriu, et al

Art Unit: 2832

Serial No: 09/525,247

Examiner: Not Yet Assigned

Filed: March 15, 2000

For: INDUCTOR AND METHOD FOR PRODUCING THE SAME

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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Sir:

Applicants respectfully request entry of this Preliminary Amendment prior to substantive examination of the application. Applicants acknowledge receipt of the Notice of Missing Parts, a response to which will be filed in due course. Applicants request entry of the present amendments.

AMENDMENTS

Please add the following new claims 16-20:

16. A lamination ceramic chip inductor, formed by the process comprising the steps of:

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interposing at least one conductive pattern between at least one pair of insulation layers so as to be in contact with at least one of the pair of insulation layers; and

forming a conductive coil,

wherein the interposing step includes electroforming at least one conductive pattern, and no specific gap is formed between the conductive pattern and the pair of insulation layers [has a thickness of 10 μm or more and a width to thickness ratio from 1 to less than 5].

17. The lamination chip inductor according to claim 16, wherein the conductive pattern has a width in the range from about 30 μm to about 70 μm , and a thickness in the range from about 20 μm to about 50 μm .

18. A lamination ceramic chip inductor, formed by the process comprising the steps of:

forming a conductive coil by electroforming at least one conductive pattern;

interposing said at least one conductive pattern between at least one pair of insulation layers so as to be in contact with at least one of the pair of insulation layers;

laminating the conductive coil between said at least one pair of insulation layers to form an integral body; and

sintering the integral body to form said lamination chip inductor;

whereby in the lamination ceramic chip inductor no specific gap is formed at interfaces between the conductive pattern and said insulation layers when the integral body is sintered.

19. The lamination ceramic chip inductor of claim 18, wherein the width of said conductive pattern is in the range from about 30 micrometers to about 70 micrometers

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and the thickness of said conductive pattern is in the range from about 20 micrometers to about 50 micrometers.

20. The lamination ceramic chip inductor of claim 19, comprising a plurality of lamination layers connected together via through holes formed in at least one of the insulation layers.

REMARKS

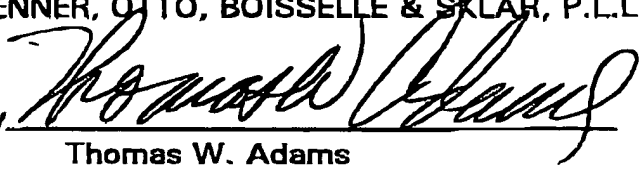
Upon entry of the present amendment, claims 1-20 are pending in the present application. The newly submitted claims 16-20 include two additional independent claims, and the appropriate fee is included herewith.

Newly submitted claims 16-20 are supported in the claims and specification of the parent application as originally filed, and at page 26, lines 7-14 of the present specification. No new matter is added by these amendments.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below. If any additional fees are required for the filing of these papers, Applicants request the Commissioner to charge those fees to deposit account #18-0988.

Respectfully submitted,
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Applicant Brto, et al. Case No. YAK/P034709B
Serial No. 09/525,247 Filing Date 3/15/00 Aty NAB/HUS/TWA
Title IMPROVED AND METHOD FOR PRODUCING THE SAME
Mailed 5/22/00 Due Date Ex. Mail No.

() Patent Application (New CON DIV CIP CPA PCT Provisional)
 Transmittal/Request Declaration/Power of Atty Issue Fee Trans.
 Pages of Specification Assignment & Cover Sheet Main. Fee Trans.
 Sheets of Drawings Small Entity Statement Lit. Off. Draftsman
 Formal Informal IDS/1449/Refs. Notice of Appeal
 Pages of Abstract Priority Document(s) Appeal Brief
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